

Fig. 1

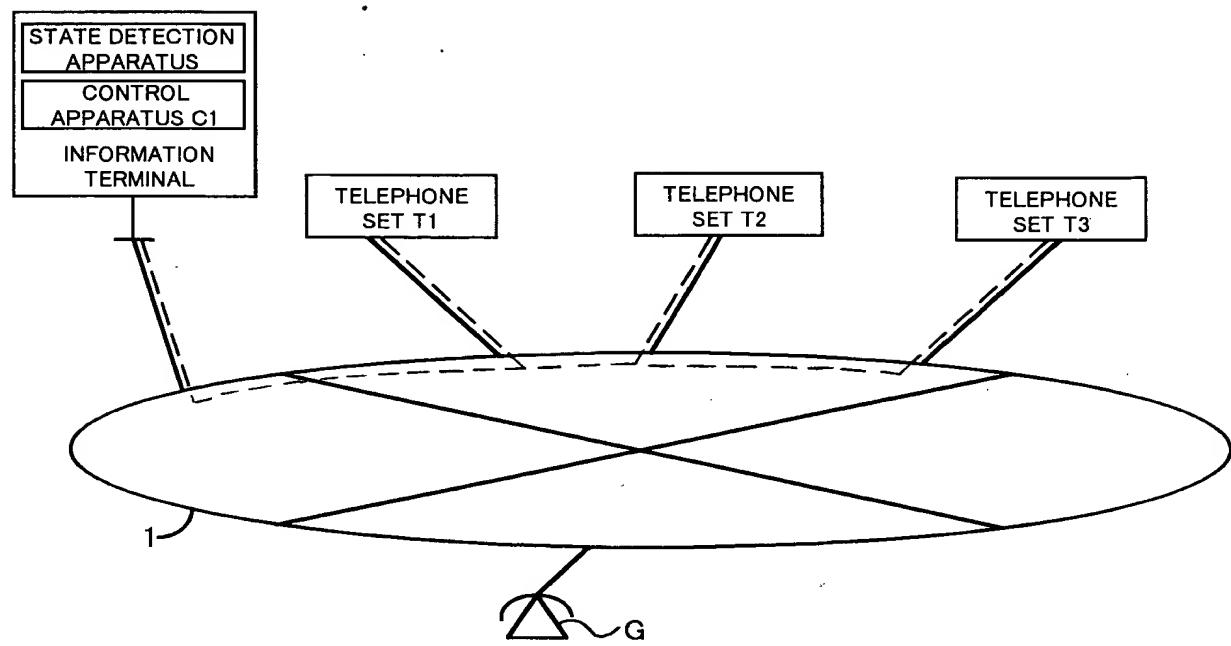


Fig. 2

CONFIGURATION OF TELEPHONE SET

CONFIDENTIAL - 06/20/2000

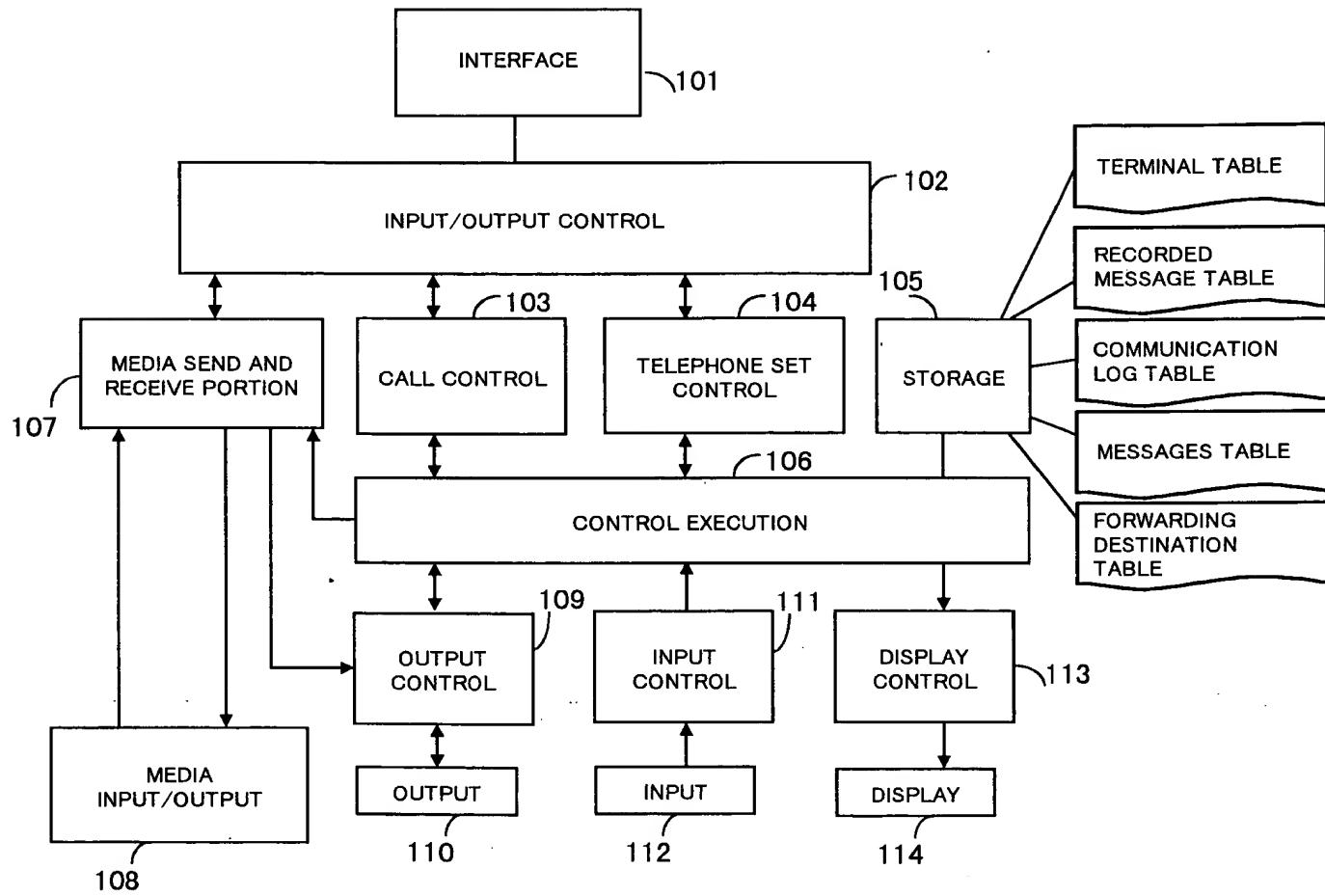


Fig. 3

TERMINAL TABLE

TERMINAL	IP ADDRESS	USER NAME	PERSONAL IDENTIFICATION NUMBER
C1	10.254.211.10	user-A	007

Fig. 4

MESSAGES TABLE

CALLING PARTY IP ADDRESS	CALLING PARTY NAME	MESSAGE
10.254.211.14	Taro Fujitsu	Since I am out of the office on a business trip today,...
⋮	⋮	

Fig. 5

FORWARDING DESTINATION TABLE

CALLING PARTY IP ADDRESS	CALLING PARTY INFORMATION*	TIME	FORWARDING DESTINATION ADDRESS	FORWARDING DESTINATION INFORMATION
10.254.211.18	Goemon Fujitsu	17:00-8:00	10.254.211.12	President' Office (Tokyo)
10.254.211.16	Saburo Fujitsu	⋮	10.254.211.13	Vice President's Office (Osaka)
⋮	⋮	⋮	⋮	⋮

Fig. 6

CONFIGURATION OF CONTROL APPARATUS

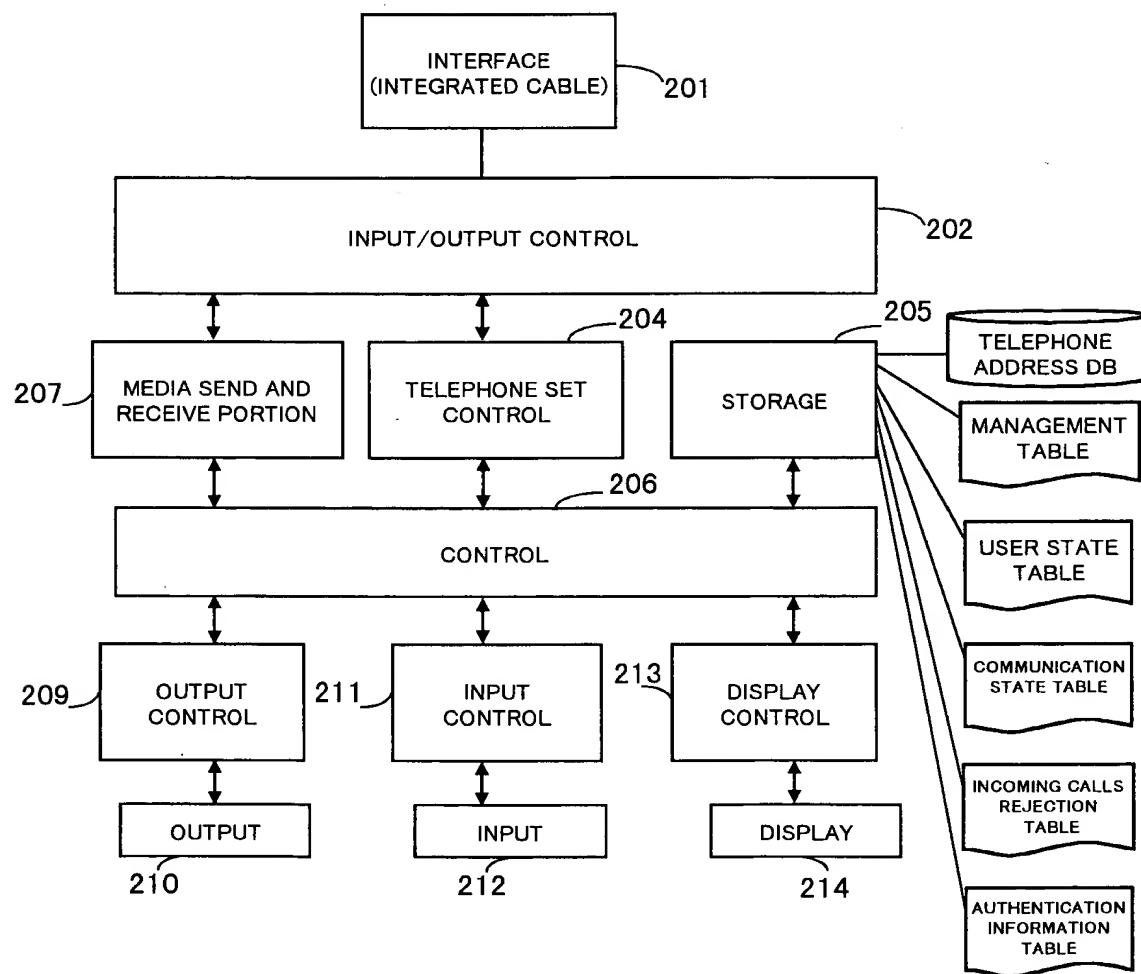


Fig. 7A
MANAGEMENT TABLE

C1			
T1	On the desk	10.254.211.11	Buttons 1,2,3,Display
T2	President's Office (Tokyo)	10.254.211.12	Buttons 1,2,3,Display
T3	Vice President's Office(Osaka)	10.254.211.13	Buttons 1,2,3,Display

Fig. 7B
USER STATE TABLE

C1		
T1	On the desk	Absent
T2	President's Office (Tokyo)	Present
T3	Vice President's Office(Osaka)	Present

Fig. 7C
COMMUNICATION STATE TABLE

C1		
T1	On the desk	Free
T2	President's Office (Tokyo)	Connection in Progress
T3	Vice President's Office(Osaka)	Free

Fig. 7D
AUTHENTICATION
INFORMATION TABLE

USER NAME	PERSONAL IDENTIFICATION NUMBER
user-A	007

Fig. 7E
INCOMING CALLS REJECTION TABLE

CALLING PARTY	MESSAGE
Saburo Fujitsu	The telephone number has changed.....
Jiro Fujitsu	This telephone number is presently.....

Fig. 8

FLOW OF PROCESSING PERFORMED BY TELEPHONE SET

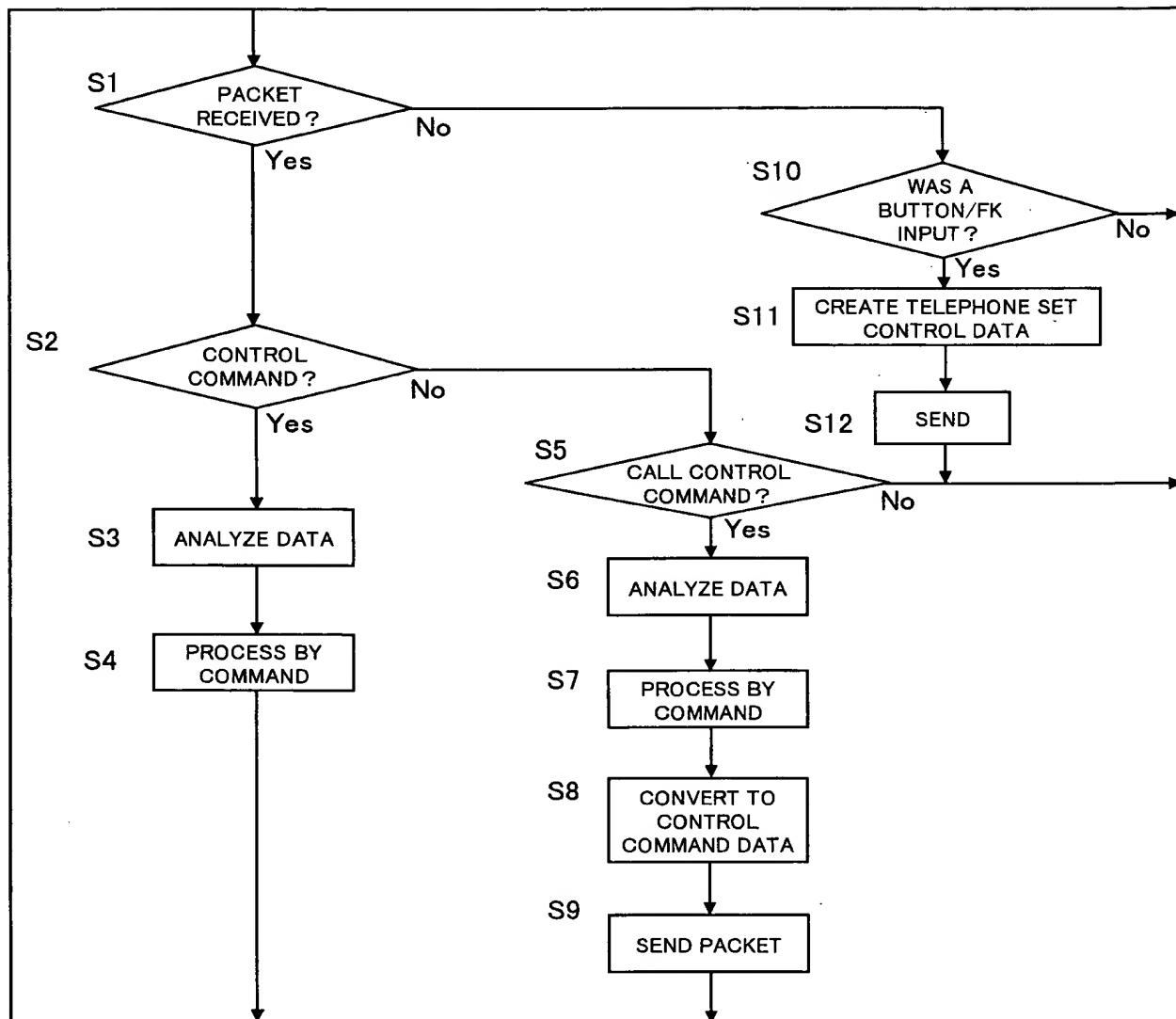


Fig. 9A

FLOW OF PROCESSING PERFORMED BY CONTROL APPARATUS

MONITORING PROCESSING

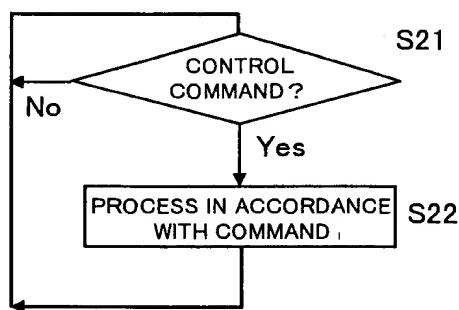


Fig. 9B

FLOW OF PROCESSING PERFORMED BY CONTROL APPARATUS

CONTROL PROCESSING

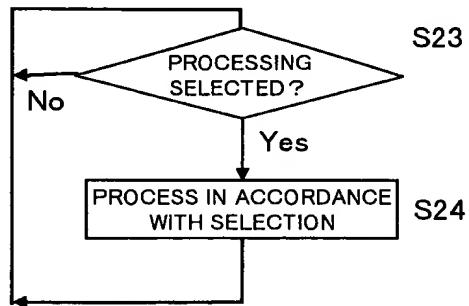


Fig. 10

EXAMPLE OF STATE NOTIFICATION WINDOW

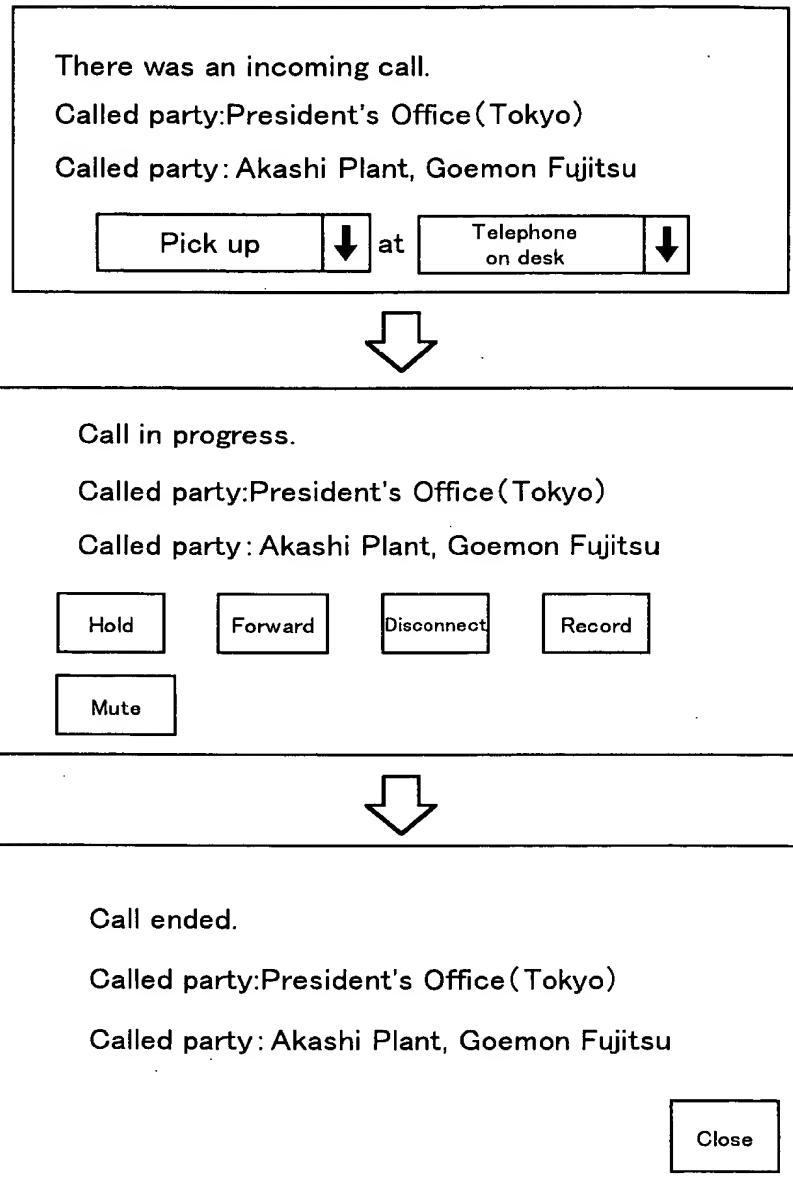


Fig. 11

CONTROL COMMAND(REPORT)

COMMAND TYPE	REQUESTING PARTY ADDRESS	CALL IDENTIFIER	CALLED PARTY ADDRESS	CALLING PARTY ADDRESS	COMMUNICATION STATE TYPE	RESULT	DETALL
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Fig. 12

FLOW OF STATE NOTIFICATION PROCESSING

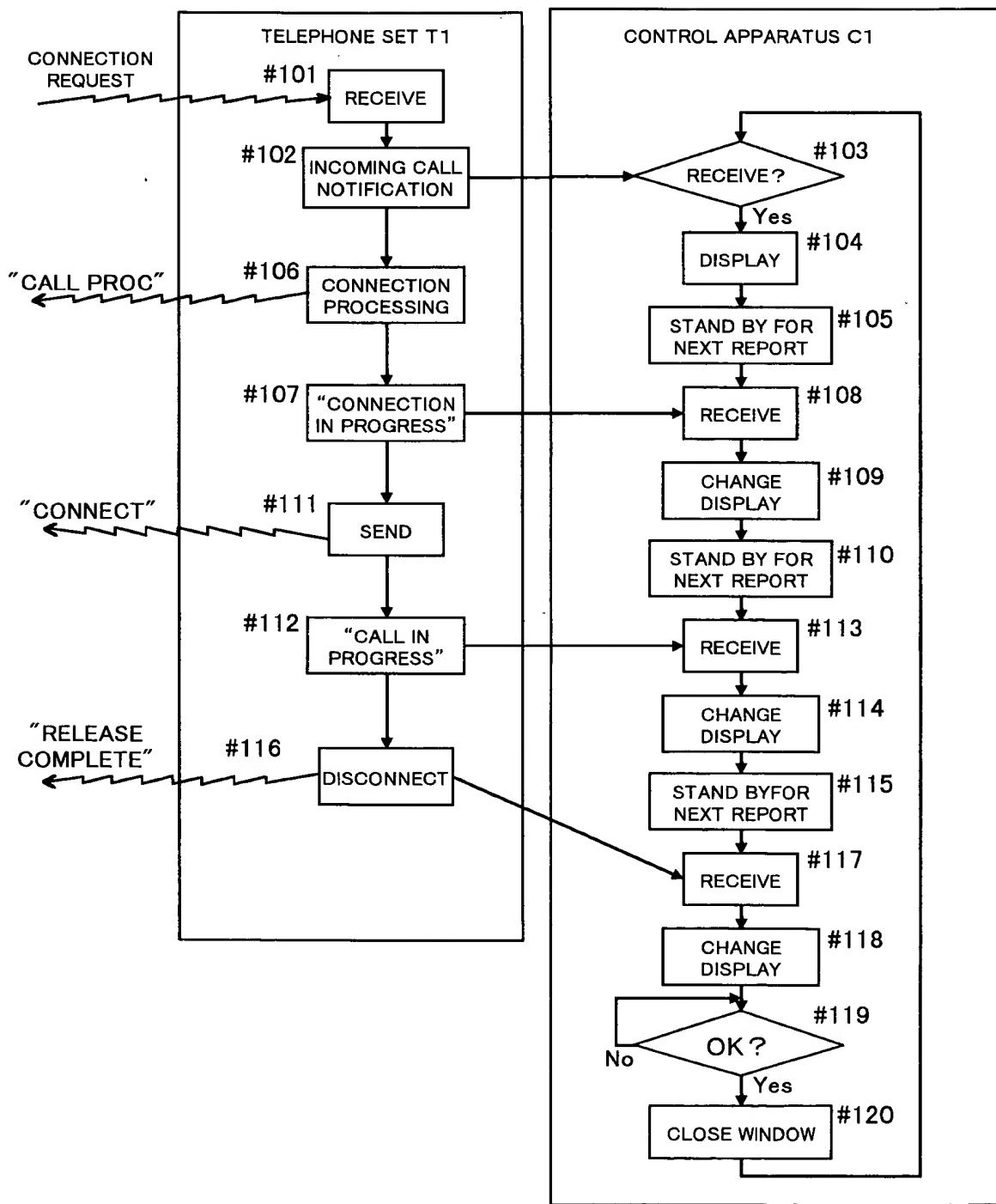


Fig. 13

EXAMPLE OF STATE NOTIFICATION IN ACCORDANCE WITH USER STATE

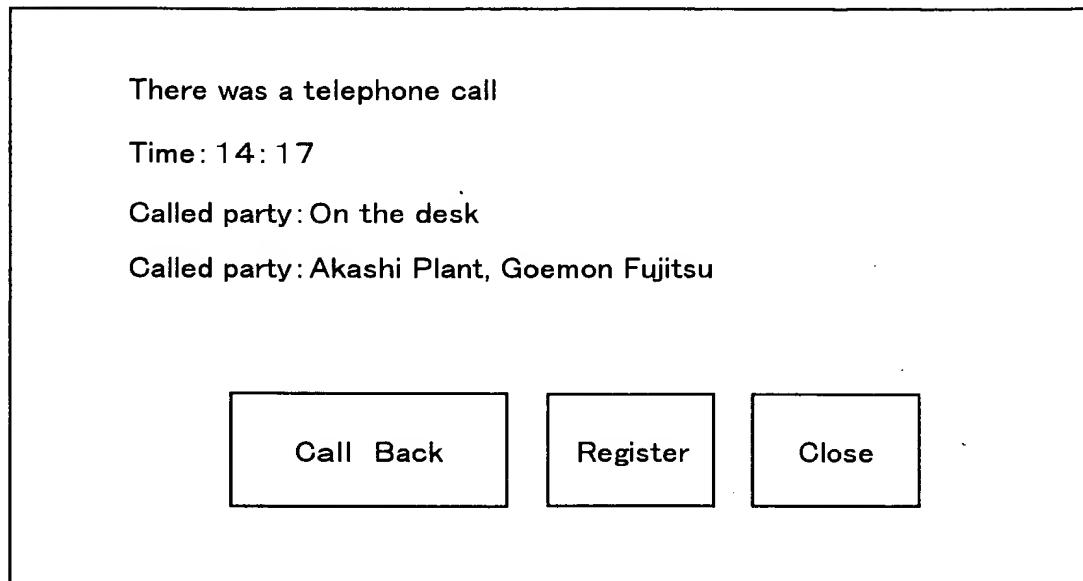


Fig. 14

MAIN MENU

- Connection request
- Forward
- Hold
- Pick up
- Automatically recorded messages list ►
- Set forwarding destination ►
- Communication log ►
- Set ►
- Volume
- Create outgoing message ►
- Reject incoming calls/cancel rejection ►

Fig. 15

CONNECTION WINDOW

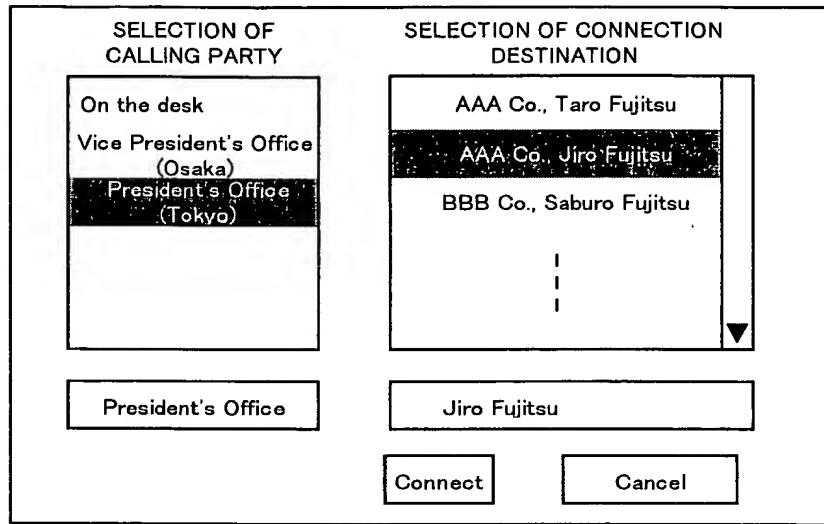


Fig. 16

EXAMPLE OF CONTROL COMMAND(CONNECTION REQUEST)

COMMAND TYPE	CALL IDENTIFIER	CONNECTION DESTINATION ADDRESS	REQUESTING PARTY ADDRESS	RESULT	DETAIL
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Fig. 17

EXAMPLE OF CONTROL
COMMAND(CONNECTION REQUEST)

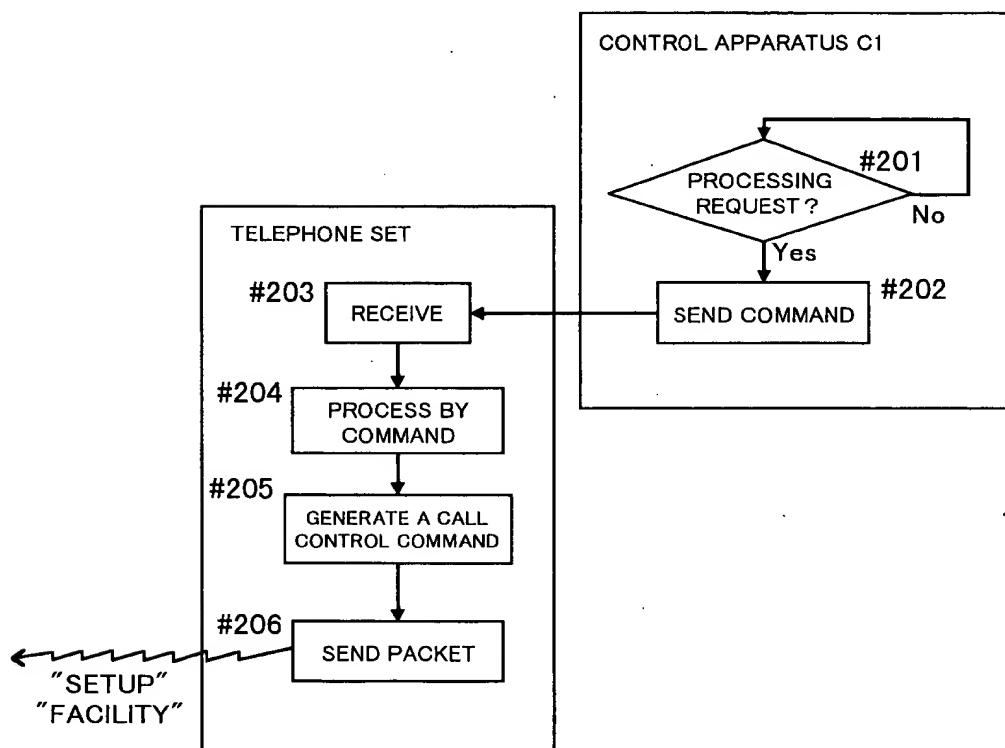


Fig. 18

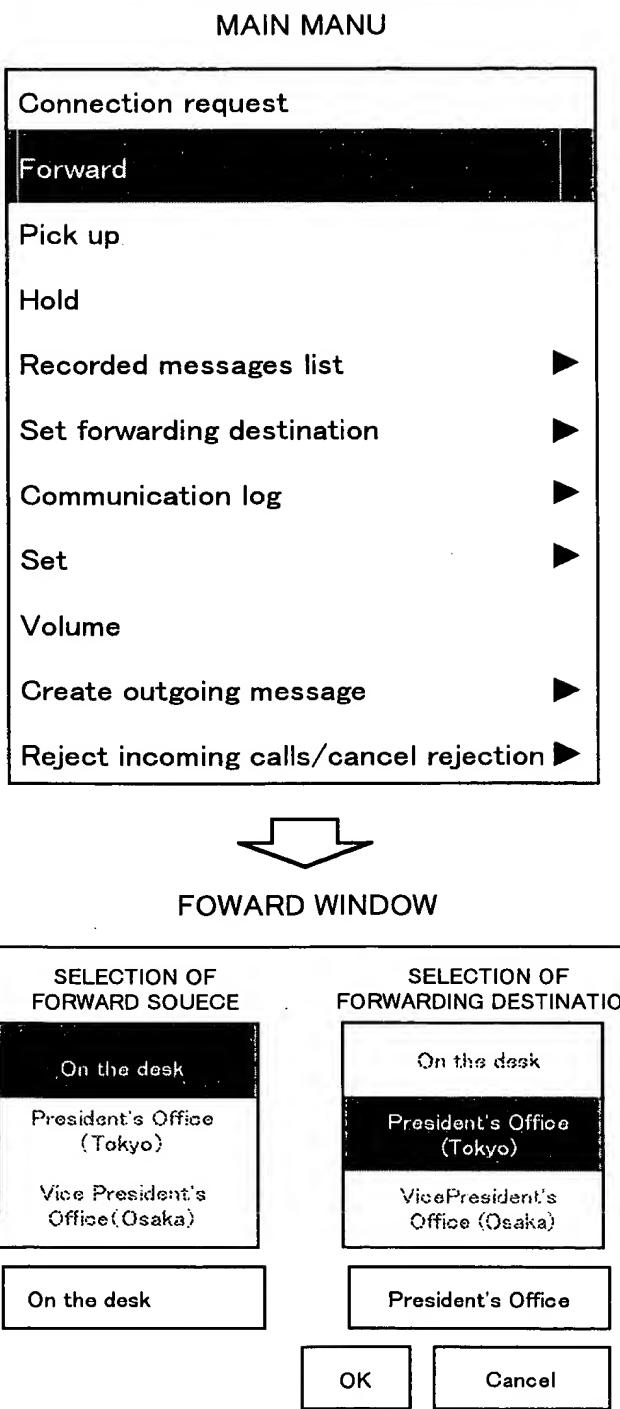


Fig. 19

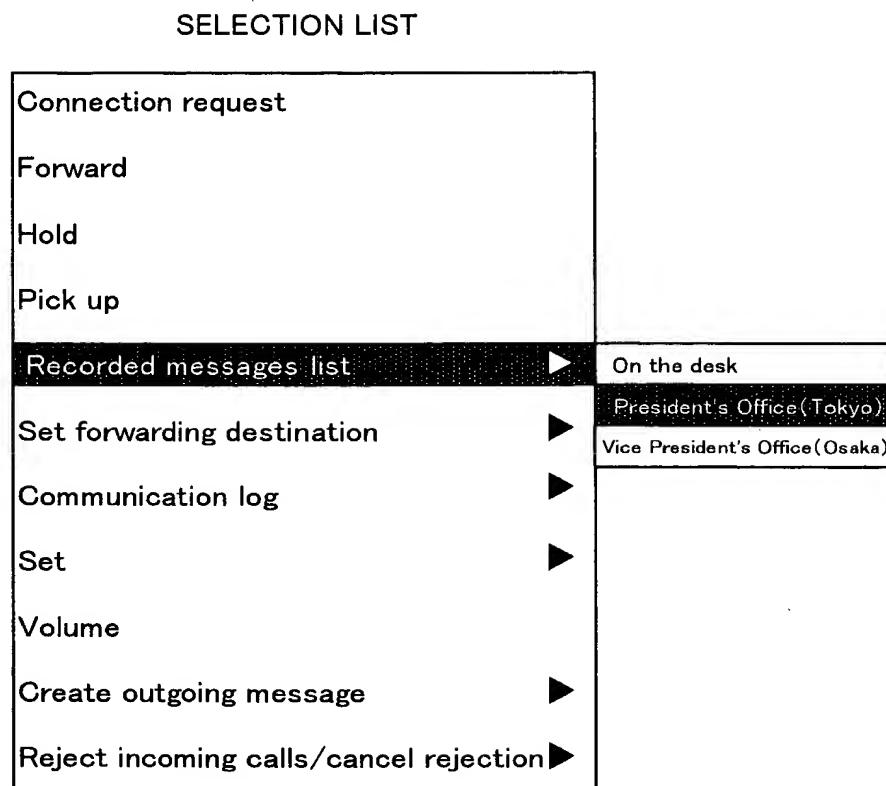


Fig. 20

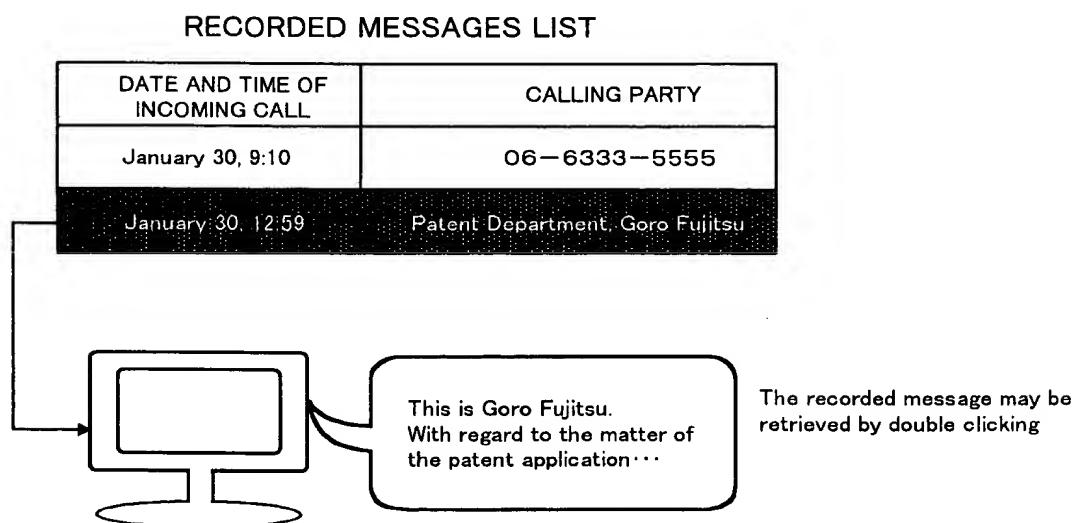


Fig. 21

EXAMPLE OF CONTROL COMMAND
(RETRIEVE RECORDED MESSAGES LIST)

COMMAND TYPE	REQUESTING PARTY ADDRESS	RESULT	DETAIL
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Fig. 22

EXAMPLE OF CONTROL COMMAND
(RECORDED MESSAGES LIST)

COMMAND TYPE	REQUESTING PARTY ADDRESS	NUMBER OF RECORDED MESSAGES		
MESSAGE NO.	RECORDING START TIME	RECORDING TIME	CALLING PARTY ADDRESS	CALLER INFORMATION
MESSAGE NO.	RECORDING START TIME	RECORDING TIME	CALLING PARTY ADDRESS	CALLER INFORMATION
RESULT		DETAIL		

Fig. 23

EXAMPLE OF CONTROL COMMAND
(RETRIEVE RECORDED MESSAGE)

COMMAND TYPE	REQUESTING PARTY ADDRESS	MESSAGE NO.	RESULT	DETAIL

Fig. 24

EXAMPLE OF CONTROL COMMAND
(RETRIEVE RECORDED MESSAGE)

COMMAND TYPE	REQUESTING PARTY ADDRESS	CODING TYPE	MESSAGE LENGTH

MESSAGE(VOICE DATA)

RESULT	DETAIL

Fig. 25

FLOW OF RECORDED MESSAGE OUTPUT PROCESSING

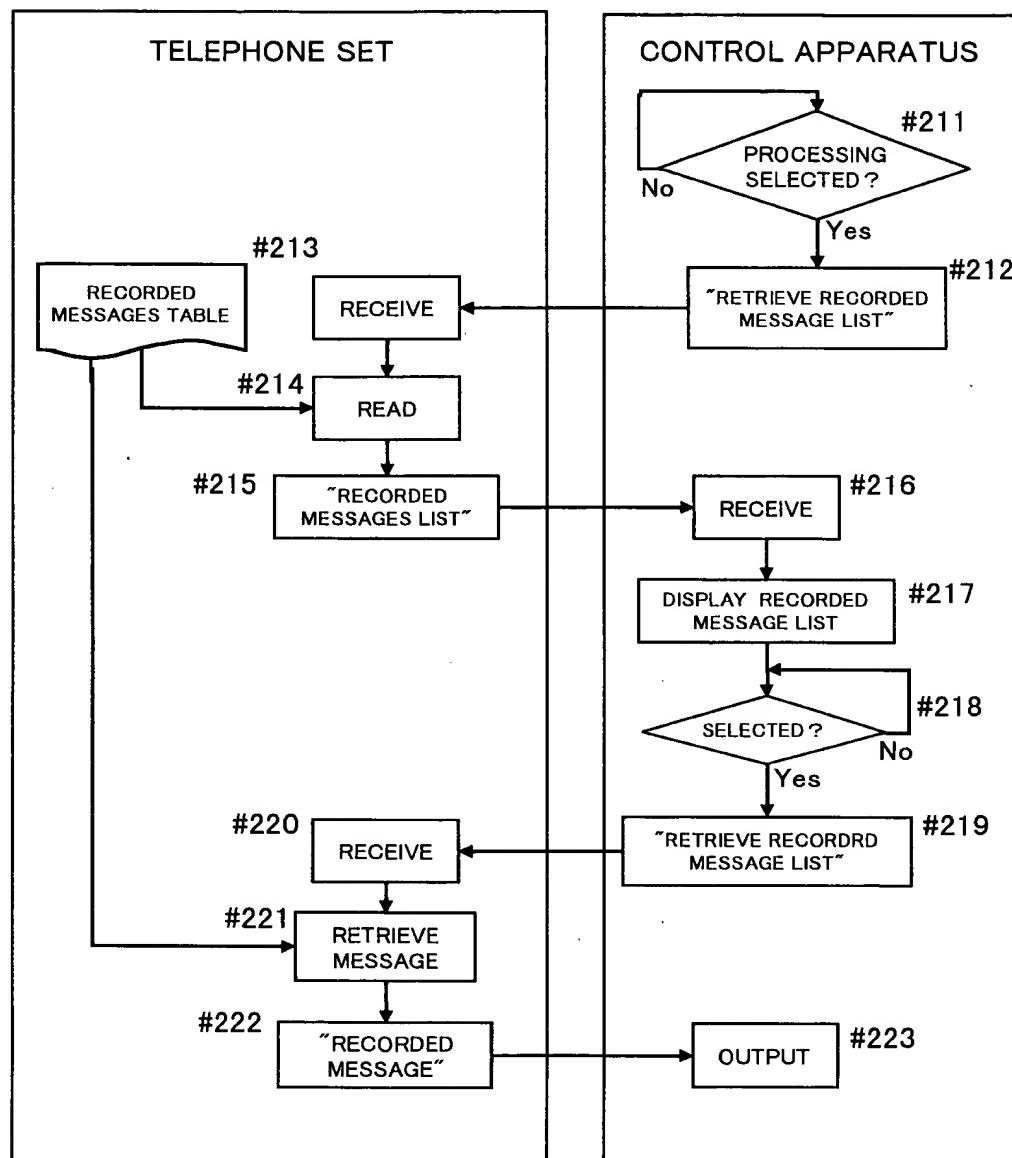
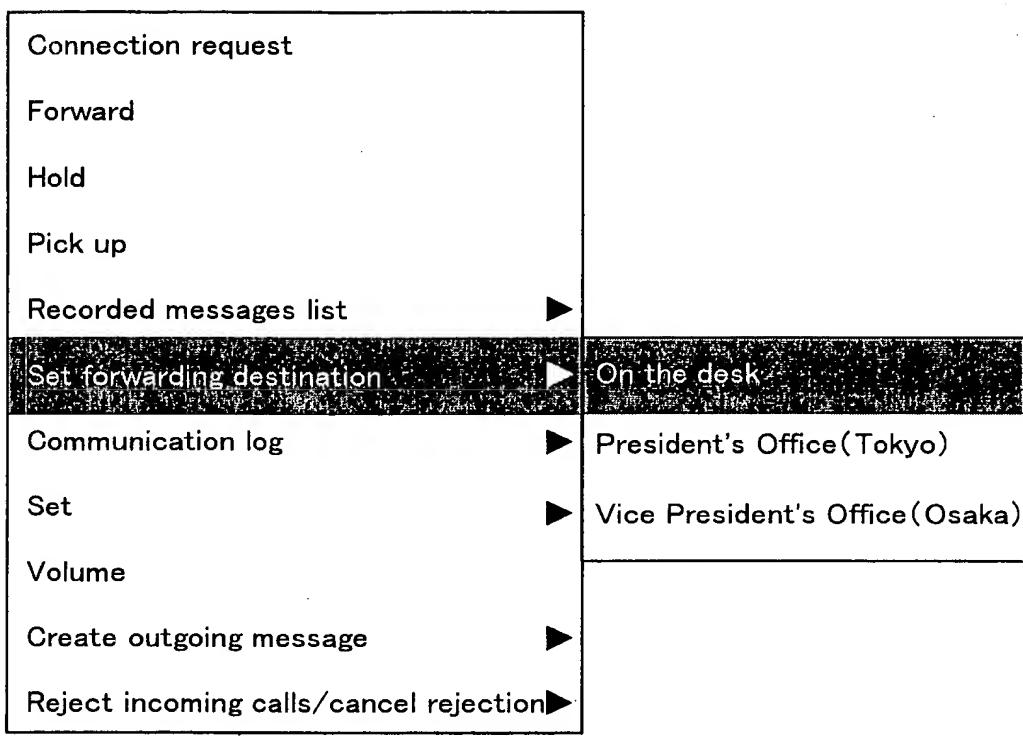


Fig. 26



SET FORWARDING DESTINATION WINDOW

SETTING TARGET: Telephone set on the desk

SELECTION OF ISSUING PARTY	SELECTION OF FORWARDING DESTINATION
All	On the desk
Taro Fujitsu	President Office(Tokyo)
Jiro Fujitsu	Vice President's Office(Osaka)
Saburo Fujitsu	
Patent Department	

Add

SET LIST

CALLING PARTY	TIME	FOWARDING DESTINATION
Goemon Fujitsu	17:00-8:00	President's Office (Tokyo)
Saburo Fujitsu		Vice President's Office(Osaka)

Delete OK Cancel

Fig. 27

EXAMPLE OF CONTROL COMMAND(SET/CANCEL FORWARDING)

COMMAND TYPE	SET FUNCTION TYPE	SET FLAG
REQUESTING PARTY ADDRESS	FORWARDING DESTINATION ADDRESS	FORWARDING DESTINATION INFORMATION
RESULT		DETAIL

Fig. 28

SETTING OF FORWARDING DESTINATION
AND FORWARDING TO SET DISTINATION

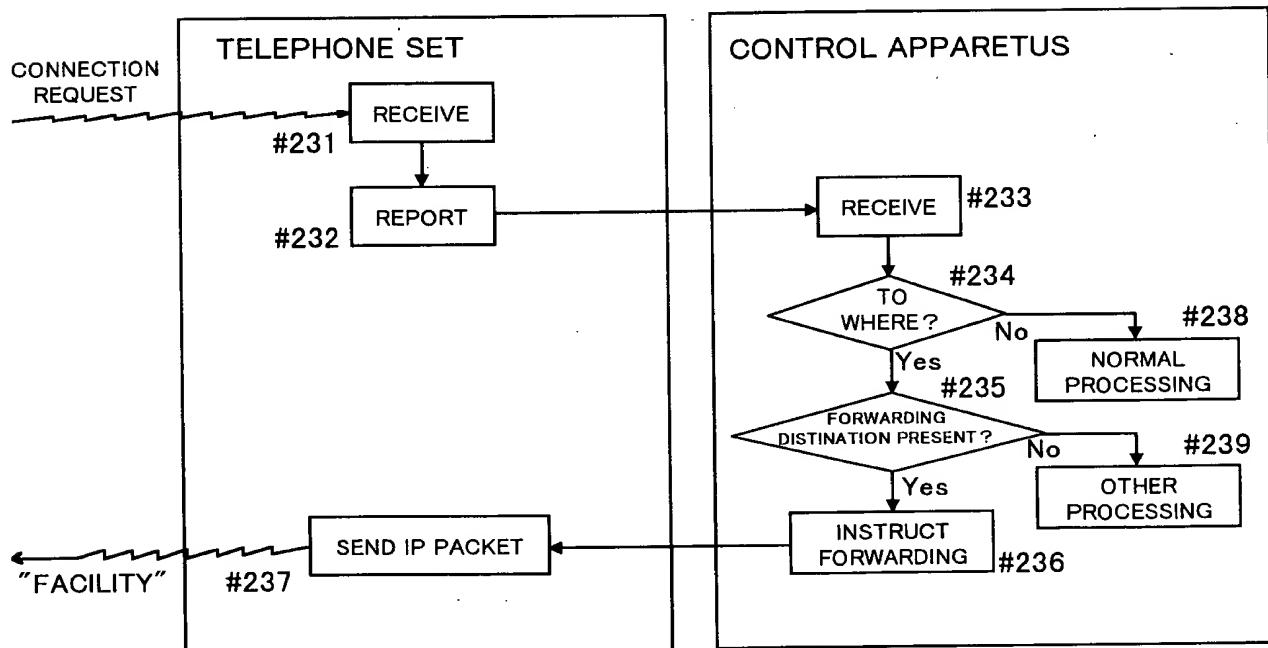


Fig. 29

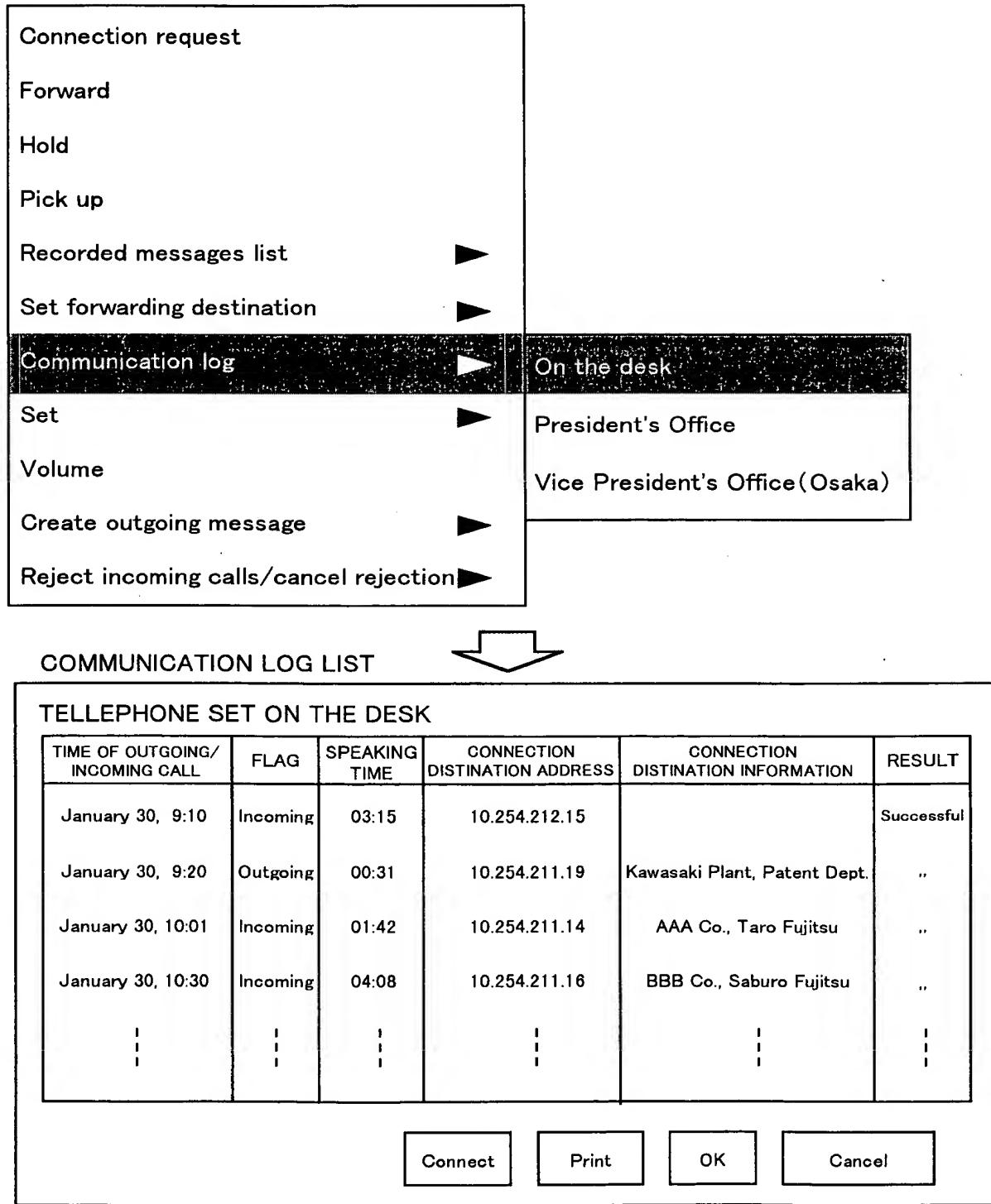


Fig. 30

EXAMPLE OF CONTROL COMMAND(RETRIEVE COMMUNICATION LOG)

COMMAND TYPE	REQUESTING PARTY ADDRESS	OUTGOING/INCOMING FLAG	RESULT	DETAIL
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Fig. 31

EXAMPLE OF CONTROL COMMAND(COMMUNICATION LOG)

COMMAND TYPE	REQUESTING PARTY ADDRESS	NUMBER OF OUTGOING/INCOMING CALLS IN LIST					
COMMUNICATION NO.	OUTGOING/INCOMING FLAG	SUCCESS FLAG	OUTGOING/INCOMING TIME	SPEAKING TIME	CONNECTION DESTINATION ADDRESS	OPPOSITE PARTY INFORMATION	
COMMUNICATION NO.	OUTGOING/INCOMING FLAG	SUCCESS FLAG	OUTGOING/INCOMING TIME	SPEAKING TIME	CONNECTION DESTINATION ADDRESS	OPPOSITE PARTY INFORMATION	
RESULT		DETAIL					

ONE FOR EACH OUTGOING/INCOMING CALL

Fig. 32

FLOW OF COMMUNICATION LOG ACQUISITION PROCESSING

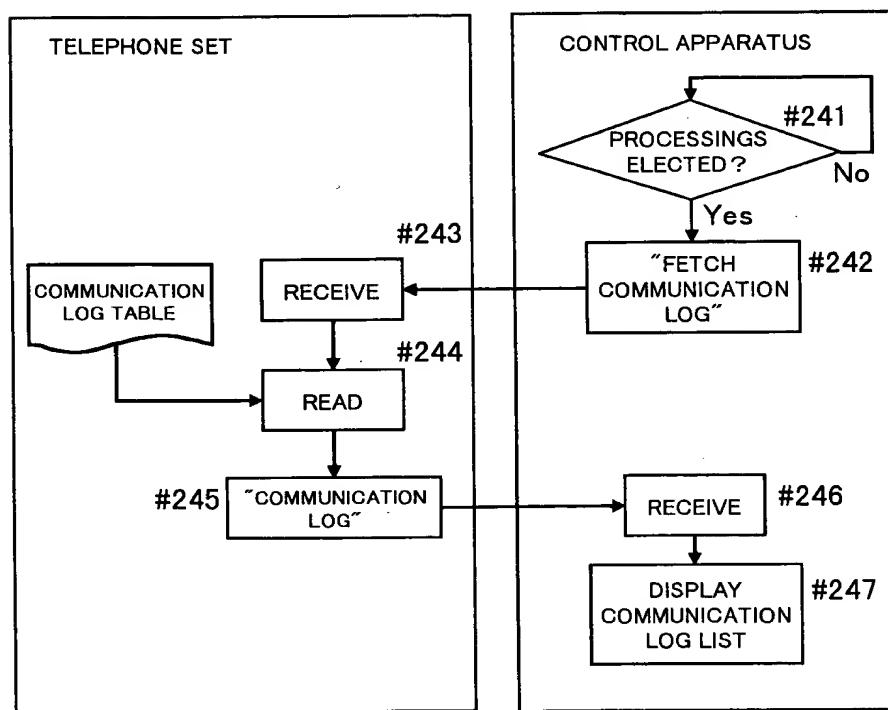


Fig. 33

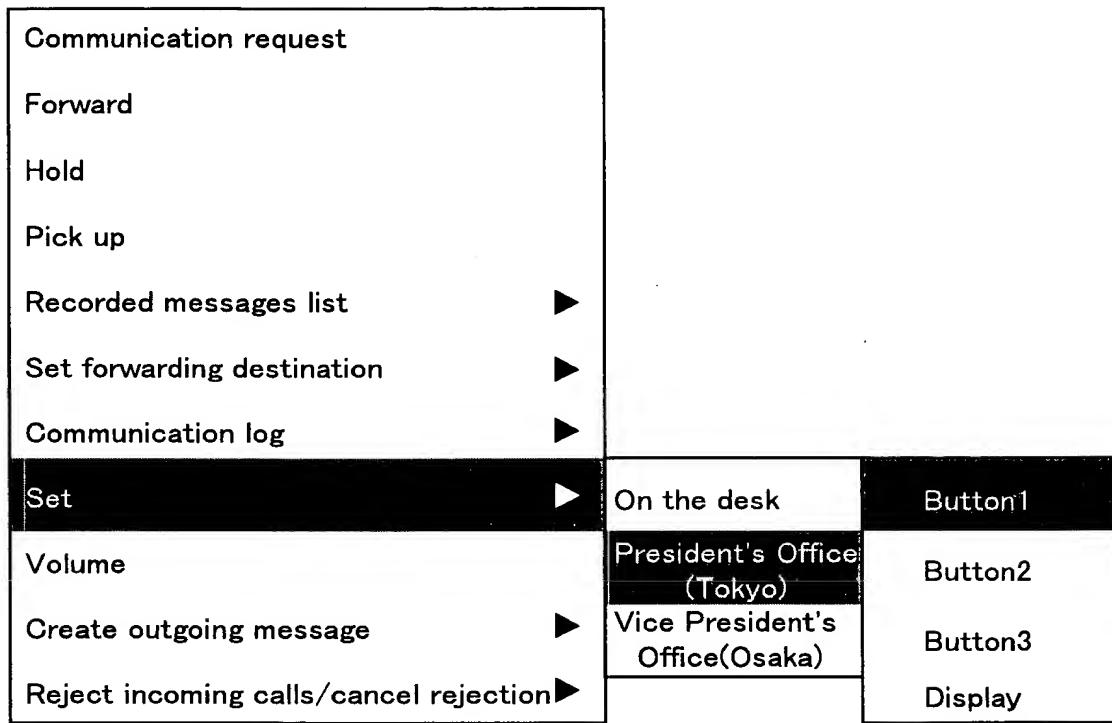


Fig. 34

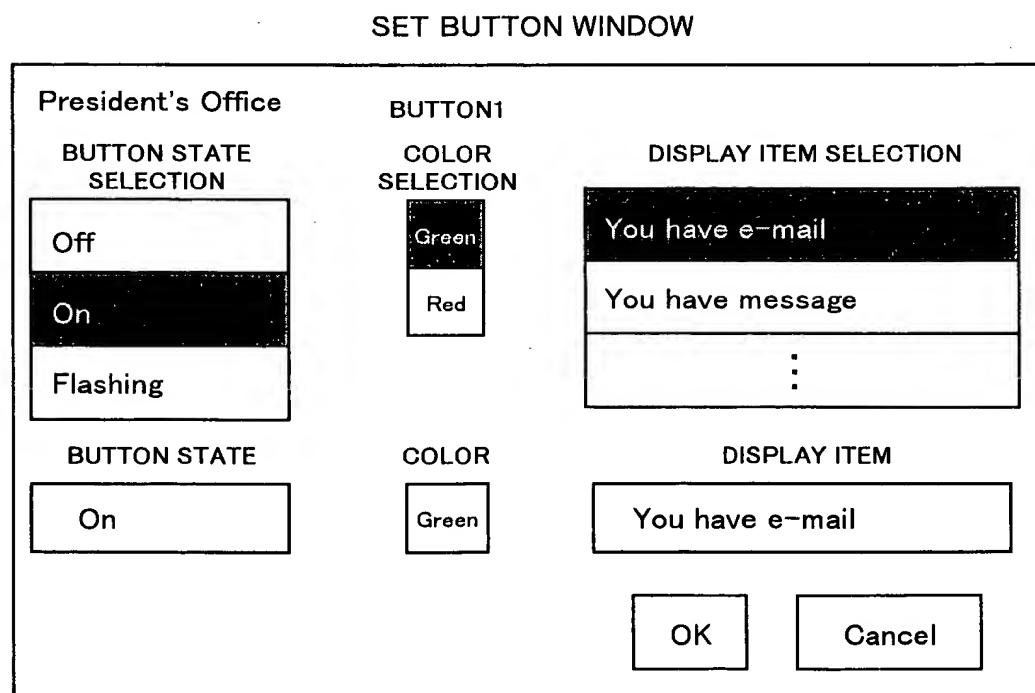


Fig. 35

EXAMPLE OF CONTROL COMMAND(SET)

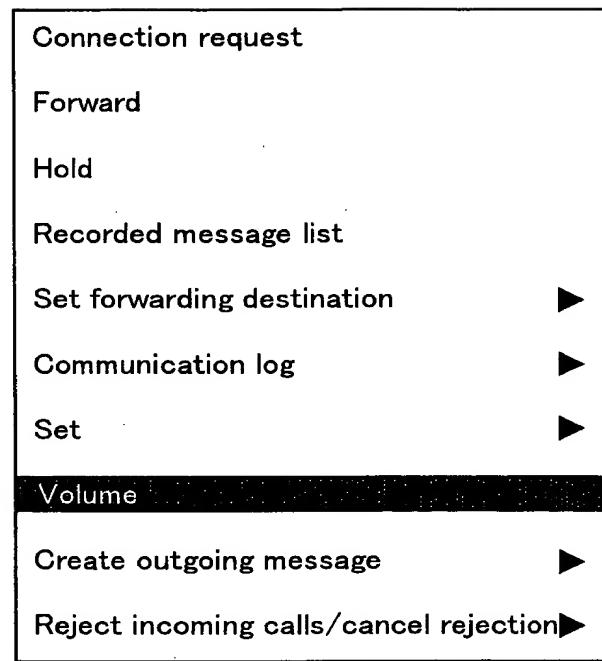
COMMAND TYPE	SET FUNCTION TYPE	SET FLAG	REQUESTING PARTY ADDRESS
BUTTON IDENTIFIER	DISPLAY COLOR TYPE	DISPLAY PATTERN	CHARACTER LENGTH
RESULT	DETAIL		

Fig. 36

EXAMPLE OF CONTROL COMMAND
(INPUT INFORMATION)

COMMAND TYPE	REQUESTING PARTY ADDRESS	INPUT DEVICE TYPE	RESULT	DETAIL
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Fig. 37



SET VOLUME WINDOW

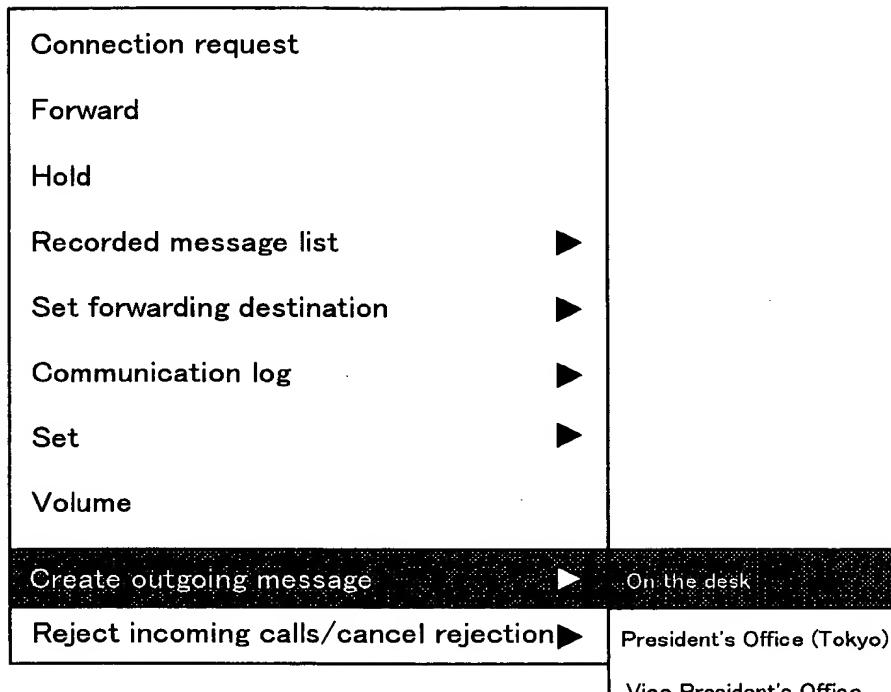
SELECTION OF TELEPHONE TO BE SET	VOLUME SELECTION	TONE SELECTION
<p>On the desk</p> <p>President's Office</p> <p>Vice President's Office</p>	<p>LOW</p> <p>1</p> <p>5</p> <p>HIGH</p> <p>10</p>	<p>Gong</p> <p>Clock</p> <p>Bell</p> <p>Song ►</p> <p>Option ►</p>
TELEPHONE TO BE SET	VOLUME	TONE
President's Office	5	Bell
		OK Cancel

Fig. 38

EXAMPLE OF CONTROL COMMAND
(SET SOUND)

COMMAND TYPE	SET FUNCTION TYPE	SET FLAG	REQUESTING PARTY ADDRESS
SET VOLUME	CODING TYPE	TONE LENGTH	TONE DATA
RESULT	DETAIL		

Fig. 39



CREATE OUTGOING MESSAGE WINDOW

SELECTION OF CALLING PARTY

- CCC Co., Hanako Fujitsu
- DDD Co., Shiro Fujitsu
- Other

MESSAGE»

ISSUED TO

- Hanako Fujitsu

OUTGOING MESSAGE

Absent today due to business trip

OK
Cancel
Reset

Fig. 40

EXAMPLE OF CONTROL COMMAND
(CREATE MESSAGE)

COMMAND TYPE	SET FUNCTION TYPE	SET FLAG	REQUESTING PARTY ADDRESS	CALLING PARTY ADDRESS
CODING TYPE	MESSAGE LENGTH	MESSAGE DATA		
RESULT	DETAIL			

Fig. 41

FLOW OF PROCESSING FOR THE CASE WHEREIN THE CONTROL APPARATUS IS PROVIDED WITH AN OUTGOING MESSAGE

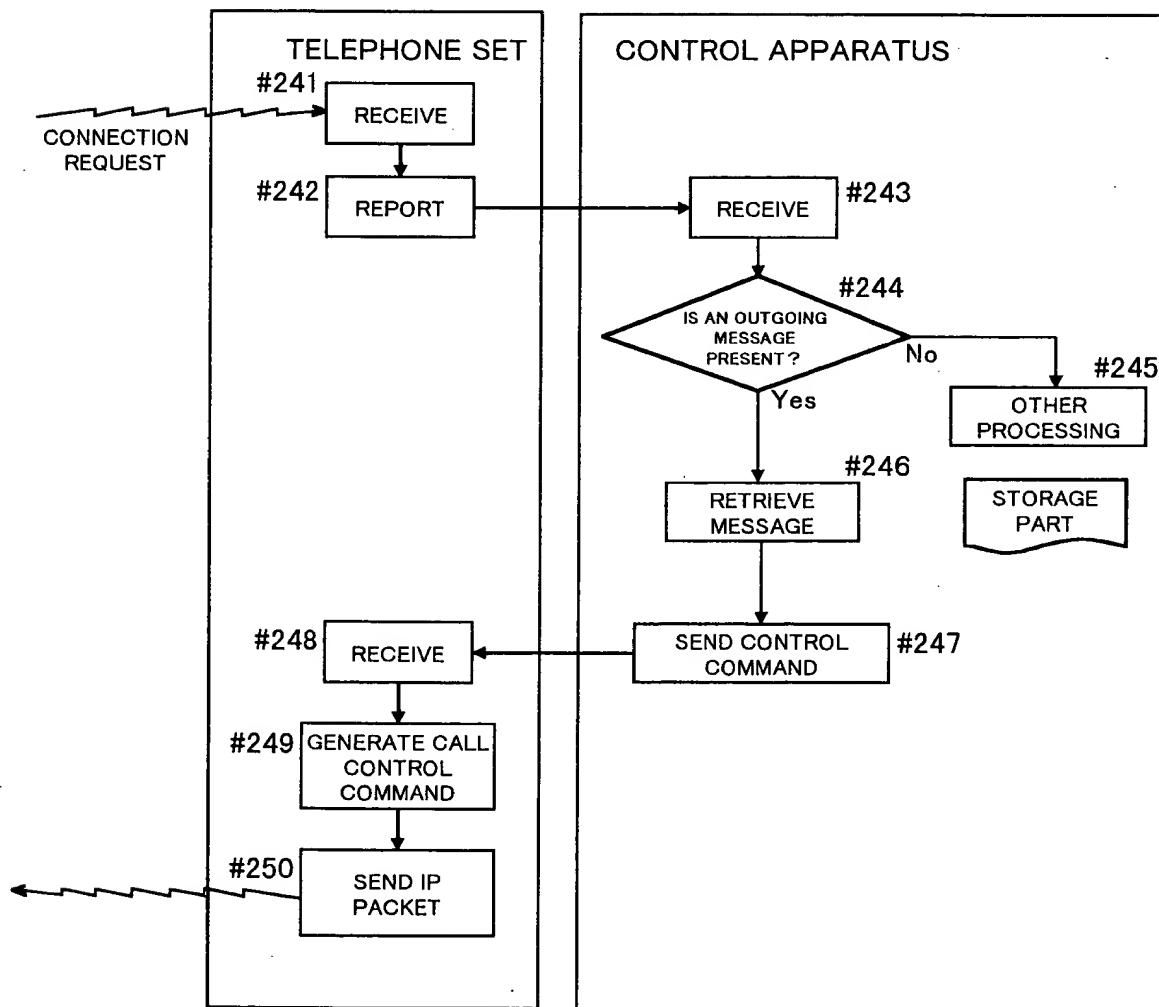


Fig. 42

Connection request

Forward

Hold

Pick up

Recorded messages list ►

Set forwarding destination ►

Communication log ►

Set ►

Volume

Create outgoing message ►

Reject incoming calls/cancel rejection ►

On the desk

President's Office(Tokyo)
Vice President's Office(Osaka)

REJECT INCOMING CALLS/
REJECTION WINDOW

TARGET:Telephone on the desk

SELECTION OF CALLING PARTY

All	<p>Jiro Fujitsu</p> <p>...</p>	<p>This telephone number is presently not in use.</p> <p>The telephone number has changed.</p> <p>The new number is ...</p>
-----	--------------------------------	---

CALLING PARTY

Add

SET LIST

CALLING PARTY	SELECTION OF MESSAGE
Saburo Fujitsu	The telephone number has changed. The new telephone number is...
Jiro Fujitsu	This telephone number is presently not in use.

Delete OK Cancel

Fig. 43

FLOW OF INCOMING CALL
REJECTION PROCESSING

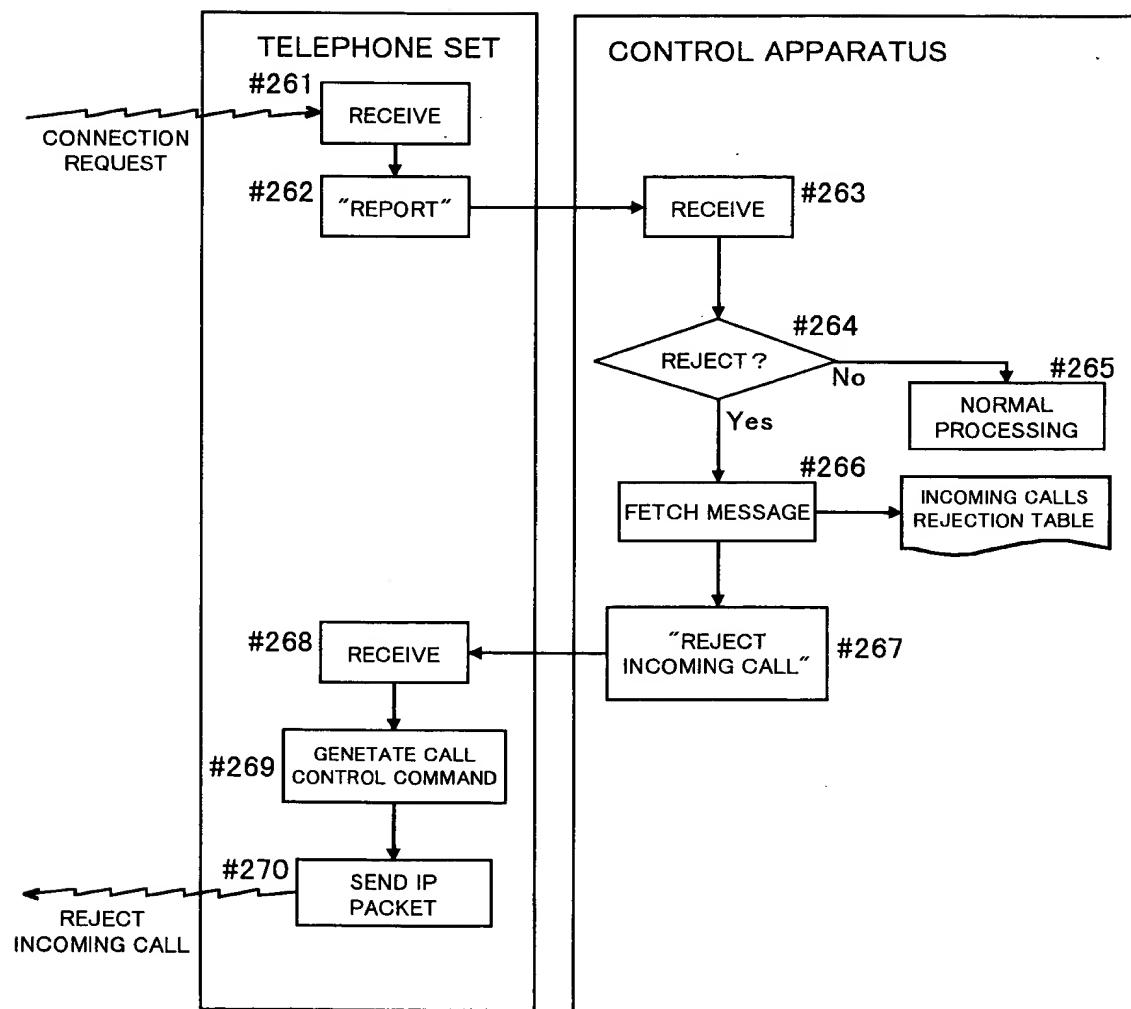


Fig. 44

EXAMPLE OF CONTROL COMMAND
(REJECTION OF INCOMING CALLS AND
CANCELLATION OF REJECTION)

COMMAND TYPE	CALL IDENTIFIER	REQUESTING PARTY ADDRESS
CODING TYPE	MESSAGE LENGTH	MESSAGE DATA
RESULT	DETAIL	

Fig. 45

OPERATION PANEL WINDOW

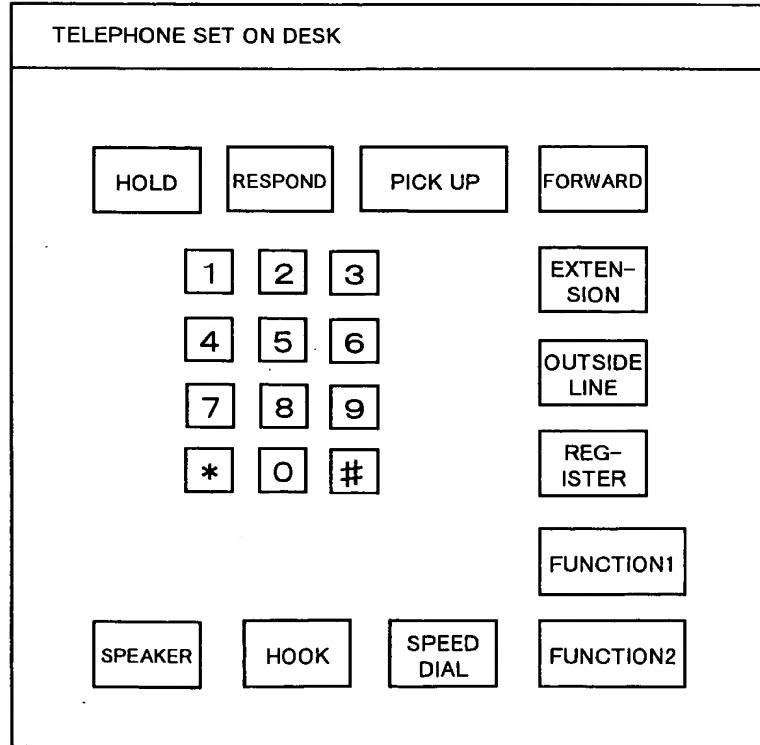


Fig. 46

EXAMPLE OF CONTROL COMMAND
(REPORT INPUT DEVICES)

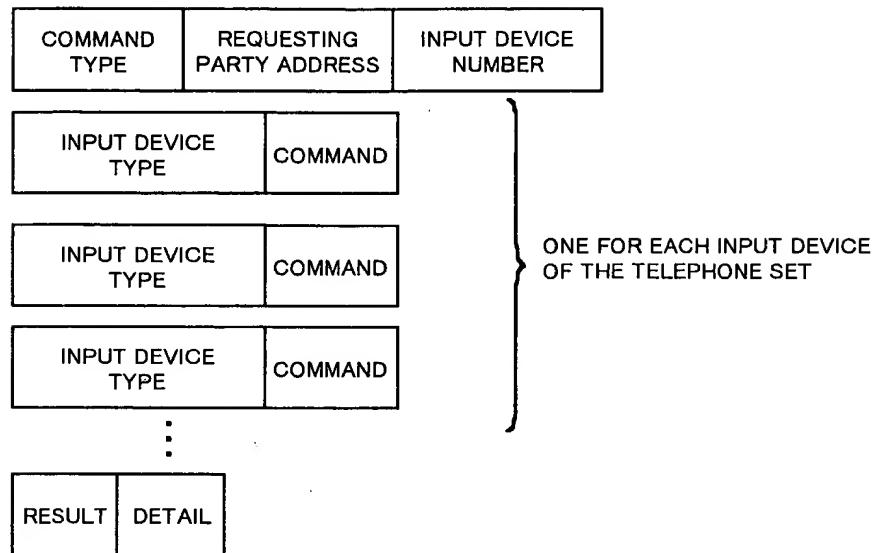


Fig. 47

EXAMPLE OF CONTROL COMMAND
(COMMUNICATION STATE NOTIFICATION)

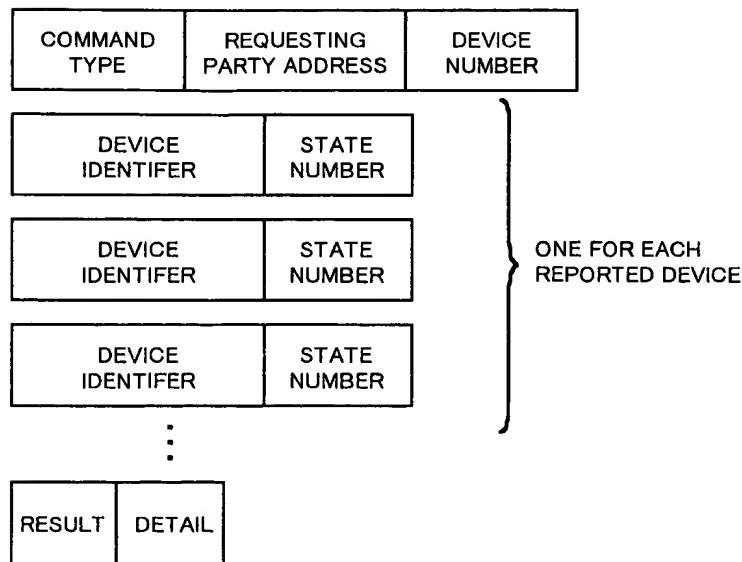


Fig. 48

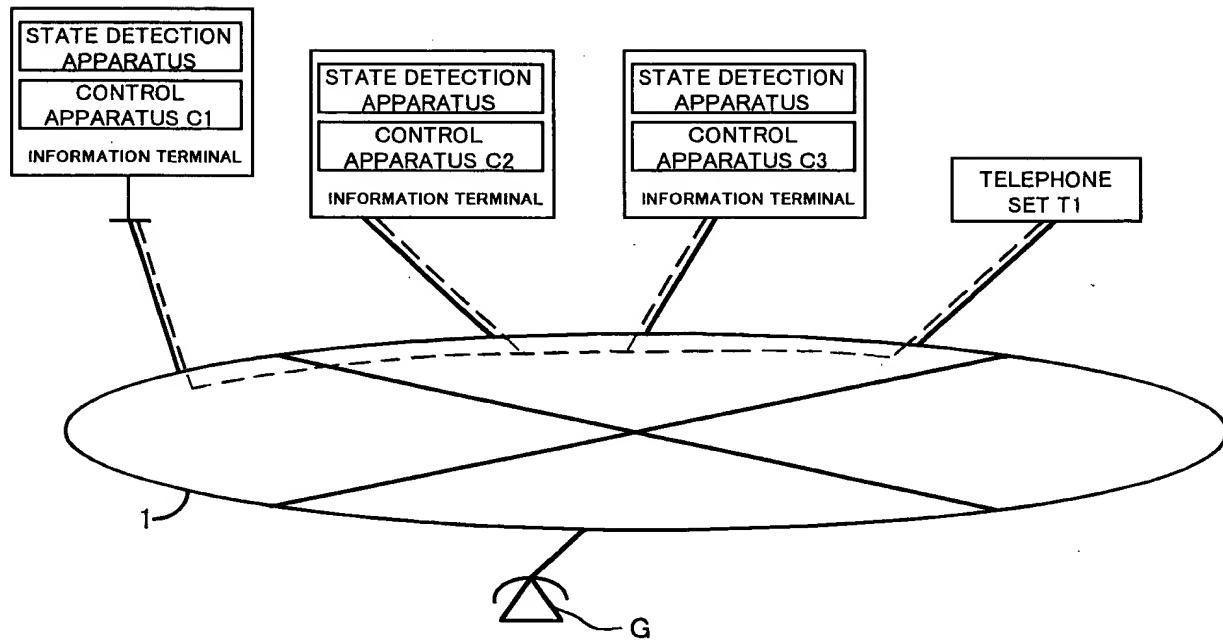


Fig. 49

EXAMPLE OF CONTROL COMMAND(INPUT)

COMMAND TYPE	REQUESTING PARTY ADDRESS	INPUT NO.	INPUT DEVICE TYPE	RESULT	DETAIL
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(SEVERAL INPUT DEVICE
TYPES MAY BE INCLUDED)